Amendment to Claims:

1-28. (Canceled)

- 29. (Original) A system of joined structures, comprising:
- a first structure having a first aperture, the first aperture having a first interior surface and a first minimum radial extent;
- a second structure having a second aperture, the second aperture having a second interior surface and a second minimum radial extent at least approximately the same as the first minimum radial extent; and
- a coupling device having a first section extending through the first aperture and a second section extending through the second aperture, but not extending into the first aperture, the first section of the coupling device having at least one of a hardness, toughness, and density greater than that of the second section of the coupling device, and wherein a portion of the second section has a greater radial extent than the first section.
- 30. (Original) The system of claim 29 wherein the portion of the second section applies a first radial force to the second interior surface and the first section applies no radial force to the first interior surface or the first section applies a second radial force to the first interior surface, the second radial force being less than the first radial force.
- 31. (Original) The system of claim 29 wherein the first section is not in contact with the first interior surface.
- 32. (Original) The system of claim 29 wherein the coupling device includes a rivet.

33. (Original) The system of claim 29 wherein the coupling device includes a metallic material.

- 34. (Original) The system of claim 29 wherein the first structure includes a composite material and the second structure includes a metallic material.
- 35. (Original) The system of claim 29 wherein the first section of the coupling device includes a head and a shank portion, and wherein the first aperture includes a countersunk portion for receiving the head.
- 36. (Original) The system of claim 29 wherein the first section of the coupling device includes a head and a shank portion, and wherein the head has a radial extent greater than a radial extent of at least a portion of the first aperture.
- 37. (Original) The system of claim 29 wherein the second section of the coupling device includes a shank portion and a tail, the tail extending out of the second aperture, the tail having a radial extent greater than a radial extent of at least a portion of the second aperture.
 - 38. (Original) The system of claim 29 wherein:
 - the first section of the coupling device includes a head and a shank portion, the head having a radial extent greater than a radial extent of at least a portion of the first aperture; and wherein
 - the second section of the coupling device includes a shank portion and a tail, the tail extending out of the second aperture, the tail having a greater radial extent than a radial extent of at least a portion of the second aperture.

39. (Original) The system of claim 29 wherein:

the first section of the coupling device includes a head and a shank portion, the head having a radial extent greater than a radial extent of at least a portion of the first aperture; and wherein

- the second section of the coupling device includes a shank portion and a tail, the tail extending out of the second aperture, the tail having a greater radial extent than a radial extent of at least a portion of the second aperture; and wherein the first and second structures are clamped together by the head and the tail.
- 40. (Original) The system of claim 29, further comprising a sealant proximate to the coupling device.
- 41. (Original) The system of claim 29, further comprising a vehicle, and wherein the coupling device, the first structure, and the second structure are installed in the vehicle.
 - 42. (Original) A system of joined structures, comprising:
 - a first structure having a first aperture, the first aperture having a first interior surface and a first minimum radial extent;
 - a second structure having a second aperture, the second aperture having a second interior surface and a second minimum radial extent at least approximately the same as the first minimum radial extent; and
 - a coupling device having a first section extending through the first aperture and a second section extending through the second aperture, but not extending into the first aperture, the first section of the coupling device having at least one of a hardness, toughness, and density greater than that of the second section of the coupling device, and wherein a portion of the second section applies a first radial force to the second interior surface and the first section applies no radial force to the first interior surface or the first section applies a second lesser radial force to the first interior surface.

43. (Original) The system of claim 42 wherein the portion of the second section has a greater radial extent than the first section.

- 44. (Original) The system of claim 42 wherein the first structure includes a composite material and the second structure includes a metallic material.
 - 45. (Original) An aircraft, comprising:
 - a first structure having a first aperture, the first aperture having a first interior surface;
 - a second structure having a second aperture, the second aperture having a second interior surface, the first aperture having a minimum radial extent at least approximately the same as a minimum radial extent of the second aperture; and
 - a coupling device having a first section extending through the first aperture and a second section extending through the second aperture, but not extending into the first aperture, the first section of the coupling device having at least one of a hardness, toughness, and density greater than that of the second section of the coupling device, and wherein a portion of the second section has a greater radial extent than the first section.
- 46. (Original) The system of claim 45 wherein the portion of the second section applies a first radial force to the second interior surface and the first section applies no radial force to the first interior surface or the first section applies a second lesser radial force to the first interior surface.
 - 47. (Original) An aircraft, comprising:
 - a first structure including a composite material, the first structure having a first aperture, the first aperture having a first interior surface and a first minimum radial extent;

a second structure including a metallic material, the second structure having a second aperture, the second aperture having a second interior surface and a second minimum radial extent at least approximately the same as the first minimum radial extent; and

- a coupling device having a first section extending through the first aperture and a second section extending through the second aperture, but not extending into the first aperture, the first section of the coupling device having at least one of a hardness, toughness, and density greater than that of the second section of the coupling device, wherein:
 - a portion of the second section has a greater radial extent than the first section so that the portion of the second section applies a first radial force to the second interior surface and the first section applies no radial force to the first interior surface or the first section applies a second lesser radial force to the first interior surface; and wherein
 - the first section of the coupling device includes a head and a shank portion,
 the head having a radial extent greater than a radial extent of at least
 a portion of the first aperture; and wherein
 - the second section of the coupling device includes a shank portion and a tail, the tail extending out of the second aperture, the tail having a greater radial extent than a radial extent of at least a portion of the second aperture.
- 48. (Original) The system of claim 47, further comprising a sealant proximate to the coupling device.